

## ABSTRACT OF THE DISCLOSURE

An image synthesis apparatus includes a right infrared camera and a left infrared camera; a right visible light camera and a left visible light camera; and  
5 a first image synthesis processing device for synthesizing data output from the right infrared camera and from the left infrared camera and data output from the right visible light camera and from the left visible  
10 light camera so that a three-dimensional thermal image and a three-dimensional visible light image are observed by an observer as overlapping each other.